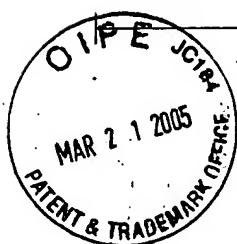


EFW



655 Montgomery Street, Suite 1800 San Francisco, Ca 94111
tel 415.318.1160 fax 415.693.0194

March 16, 2005

Applicants: Ho-Shang Lee and Alexander Birman
Title: Light Emitting System With High Extraction Efficiency
Application No.: 10/773,943 Filing Date: February 6, 2004
Examiner: Not yet assigned Group Art Unit: 2826
Docket No.: DICO.049US0 Conf. No.: 7975

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

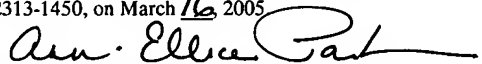
- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page in duplicate);
- (3) Information Disclosure Statement (2 pages);
- (4) PTO Form 1449 (2 sheets); and
- (5) 7 Cited References.

☒ No additional fee is required.

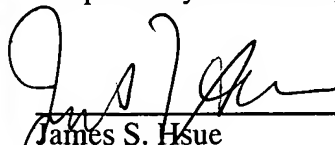
Please charge any additional fees required and credit any overpayment to our
Deposit Account No. 502664.

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope address to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 16, 2005


Ann-Ellice Parker

Respectfully submitted,


James S. Hsue
Reg. No. 29,545

3/15/05
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ho-Shang Lee et al.
Title: Light Emitting System With High Extraction Efficiency
Application No.: 10/773,943 Filing Date: February 6, 2004
Examiner: Not yet assigned Group Art Unit: 2826
Docket No.: DICO.049US0 Conf. No.: 7975

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) call(s) the documents listed on the enclosed Form PTO-1449 to the Examiner's attention in this patent application.

This application has a filing date after June 30, 2003. Copies of the U.S. Patent(s) and U.S. Published Patent Application(s) documents listed on the accompanying Form PTO-1449 are not enclosed.

Citation of these documents shall not be construed as (1) an admission that the documents are prior art with respect to the invention or inventions claimed in this application, (2) a representation that a search has been made (other than as indicated by any cited document), or (3) an admission that the cited information is, or is considered to be, material to patentability as defined in § 1.56(b).

This information disclosure statement is submitted under 37 C.F.R. § 1.97(b) and consequently no fee should be required. The Commissioner is authorized, however, to charge

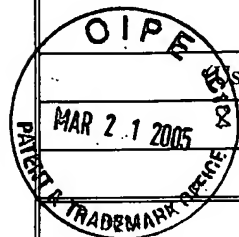
any fee that may be required, or to credit any overpayment, against Deposit Account No. 502664.

<p align="center"><u>Certificate of Mailing Under 37 CFR 1.8</u></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope address to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March <u>16</u> 2005.</p> <p><u>Ann-Ellice Parker</u> Ann-Ellice Parker</p>
--

Respectfully submitted,

<u>James S. Hsue</u>	<u>3/15/05</u>
Reg. No. 29,545	Date

U.S. Department of Commerce, Patent and Trademark				Atty. Docket No.		Application No.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				DICO.049US0		10/773,943		
				Applicant(s)		Conf. No.		
(Use several sheets if necessary)				Ho-Shang Lee et al.		7975		
				Filing Date		Group		
				February 6, 2004		2826		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	1	5,008,718	4/16/1991	Fletcher et al.				
	2	5,779,924	7/14/1998	Krames et al.				
	3	5,955,749	9/21/1999	Joannopoulos et al.				
	4	6,323,063	11/27/2001	Krames et al.				
	5	6,580,096	6/17/2003	Chen et al.				
U.S. Published Patent Application Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	6	US2003/0141507	7/31/2003	Krames et al.				
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	7	C. Rومان et al. "High-efficiency 650 nm thin-film light-emitting diodes," Proceedings of SPIE (2001), vol. 4278, pp. 36-40.						
	8	J.R. Wendt et al., "Nanofabrication of photonic lattice structures in GaAs/AlGaAs," J. Vac. Sci. Technol. B 11(6), (Nov/Dec 1993), pp. 2637-2640.						
	9	M. Boroditsky et al., "Light extraction from optically pumped light-emitting diode by thin-slab photonic crystals," Applied Physics Letters, American Institute of Physics (1999), vol. 75, no. 8, pp. 1036-1038.						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								



U.S. Department of Commerce, Patent and Trademark				Atty. Docket No.			Application No.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				DICO.049US0			10/773,943	
				Applicant(s)			Conf. No.	
(Use several sheets if necessary)				Ho-Shang Lee et al.			7975	
				Filing Date			Group	
				February 6, 2004			2826	
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
U.S. Published Patent Application Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	10	T.N. Oder et al., "III-nitride blue and ultraviolet photonic crystal light emitting diodes," Applied Physics Letters, American Institute of Physics (2004), vol. 84, no. 4, pp. 466-468.						
	11	H. Ichikawa et al., "Efficiency enhancement in a light-emitting diode with a two-dimensional surface grating photonic crystal," Applied Physics Letters, American Institute of Physics (2004), vol. 84, no. 4, pp. 457-459.						
	12	Han-Youl Ryu et al., "Enhancement of Light Extraction From Two-Dimensional Photonic Crystal Slab Structures," IEEE Journal On Selected Topics In Quantum Electronics, vol. 8, no. 2, (March/April 2002), pp. 231-237.						
	13	Alexei A. Erchak et al., "Enhanced Extraction from a Light-Emitting Diode Modified by a Photonic Crystal and Lasing Action," National Science Foundation - #DMR-9808941, (February 2003) pp. 43-45.						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								